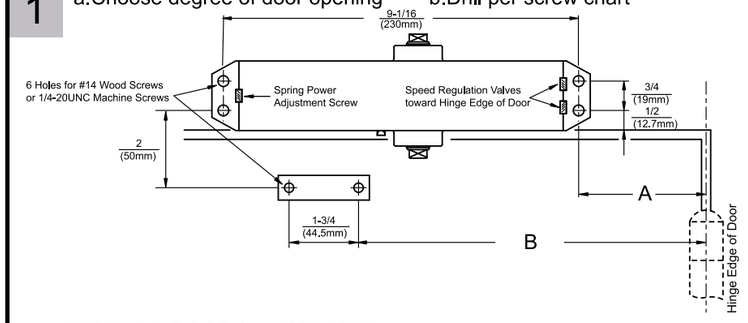
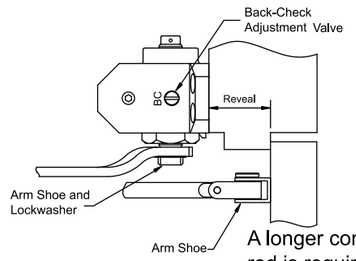
TOP JAMB INSTALLATION
CLOSER MOUNTED TOP JAME ON PUSH SIDE OF DOOR

1 a.Choose degree of door opening b.Drill per screw chart





A longer connecting rod is required for reveals greater than 2-3/4"(70mm)

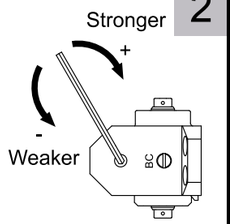
LEFT HAND DOOR ILLUSTRATED

Opening	Dimension A	Dimension B
TO 100°	7-13/16 / 198	13 / 330
TO 120°	5-7/8 / 149	13 / 330
OVER 180°	3-1/4 / 82.5	8-7/8 / 225

Inches / mm

2 Adjust spring power to match chart

Opening	CLOSER SIZE	CLOCKWISE TURNS OF ADJUSTMENT SCREW
TO 100°	4	19
	3	14
	2	6
TO 120°	3	19
	2	11
OVER 180°	3	19
	2	11



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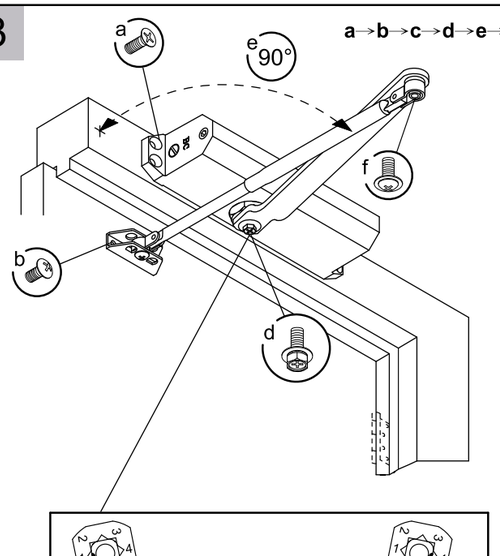
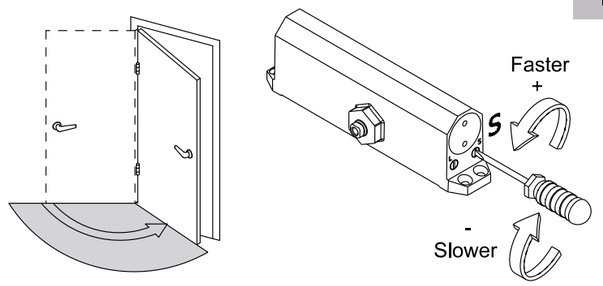
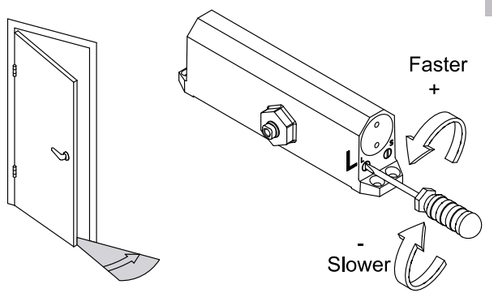


4 Sweep

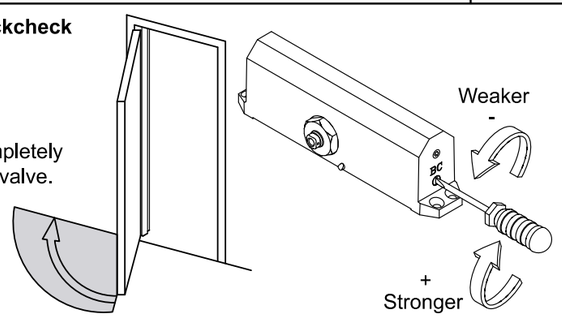


5 Latch

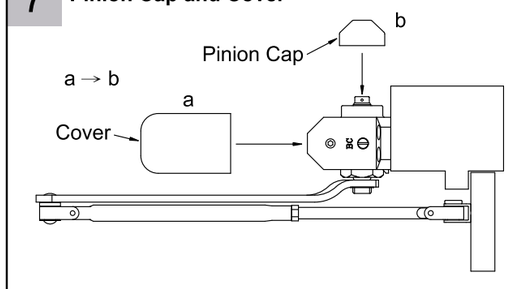


6 Backcheck

Caution :
Don't completely close the valve.

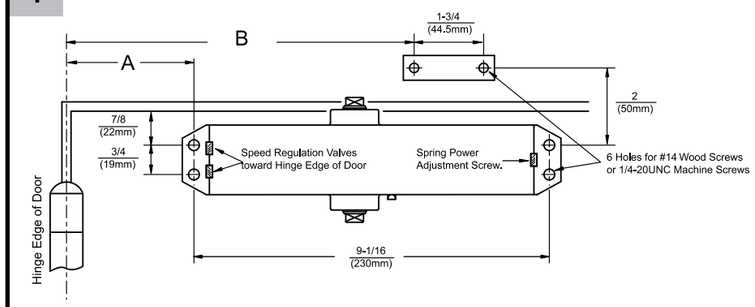


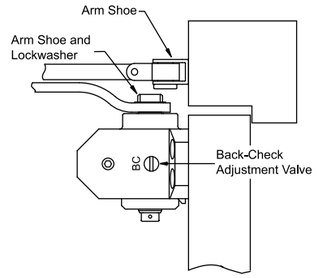
7 Pinion Cap and Cover



STANDARD INSTALLATION
CLOSER MOUNTED ON PULL SIDE OF DOOR

1 a.Choose degree of door opening b.Drill per screw chart





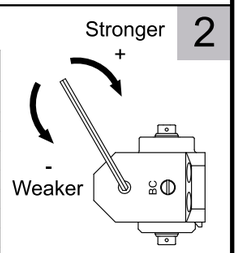
RIGHT HAND DOOR ILLUSTRATED

Opening	Dimension A	Dimension B
TO 100°	7-13/16 / 198	13 / 330
TO 120°	5-7/8 / 149	13 / 330
OVER 180°	3-1/4 / 82.5	8-7/8 / 225

Inches / mm

2 Adjust spring power to match chart

Opening	CLOSER SIZE	CLOCKWISE TURNS OF ADJUSTMENT SCREW
TO 100°	4	19
	3	11
	2	4
TO 120°	3	19
	2	10
OVER 180°	3	19
	2	9
	♿	0



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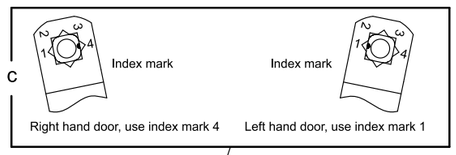
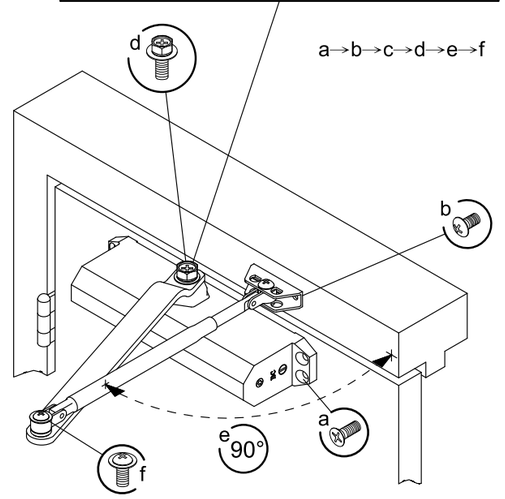
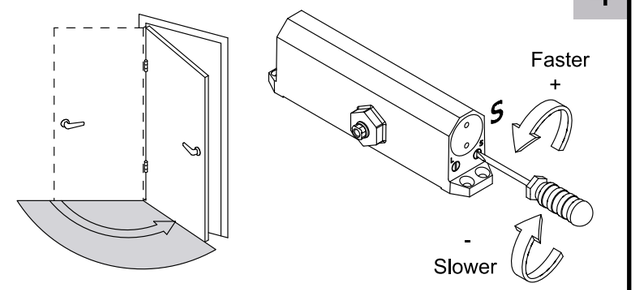
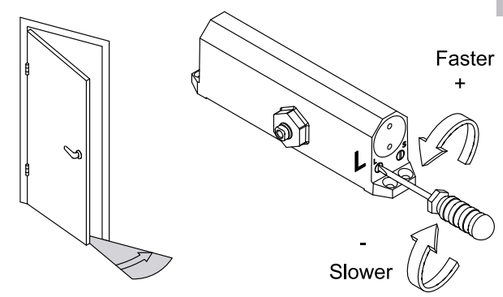




4 Sweep

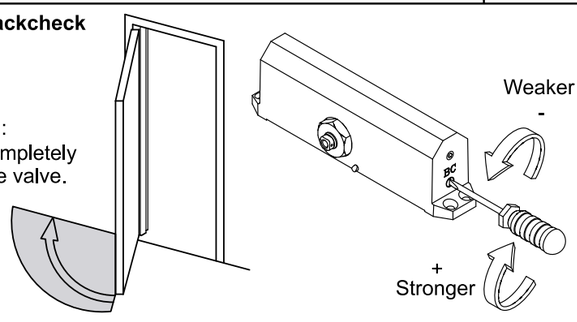


5 Latch

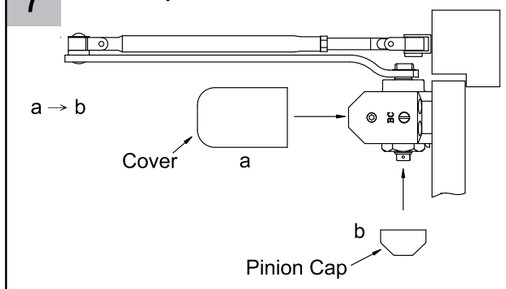


6 Backcheck

Caution :
Don't completely close the valve.



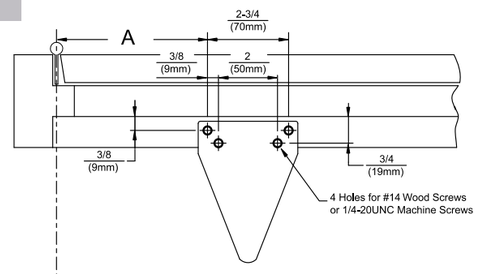
7 Pinion Cap and Cover



PARALLEL ARM INSTALLATION
CLOSER MOUNTED ON PUSH SIDE OF DOOR

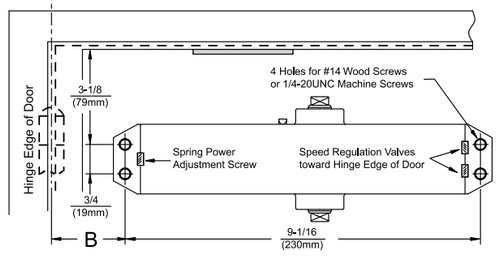
1

a.Choose degree of door opening b.Drill per screw chart.



LEFT HAND DOOR ILLUSTRATED

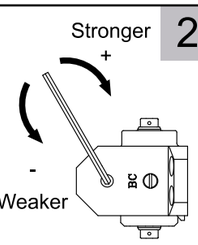
Inches / mm	Opening	Dimension A	Dimension B
	TO 100°	9-1/4 (235)	7-5/8 (194)
	TO 120°	8-5/8 (219)	6-15/16 (176)
	OVER 180°	7-7/16 (188)	6-7/16 (164)


Hinge Edge of Door
3-1/8 (79mm)
4 Holes for #14 Wood Screws or 1/4-20UNC Machine Screws
Spring Power Adjustment Screw
Speed Regulation Valves toward Hinge Edge of Door
3/4 (19mm)
B
9-1/16 (230mm)

2

Adjust spring power to match chart.

Opening	CLOSER SIZE	CLOCKWISE TURNS OF ADJUSTMENT SCREW
TO 100°	3	19
	2	11
TO 120°	3	19
	2	11
OVER 180°	3	19
	2	11



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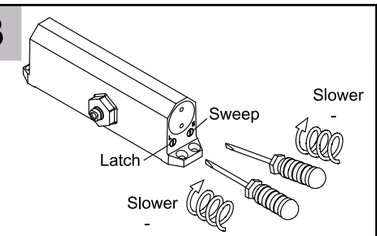
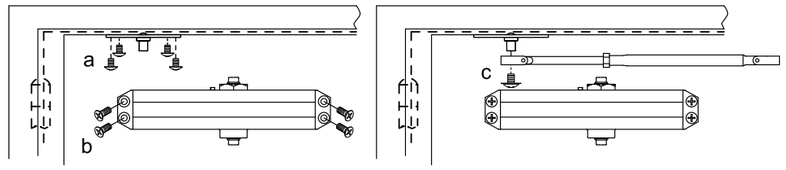
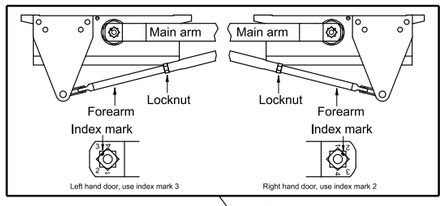


4

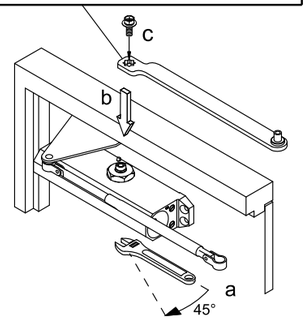
a→b→c

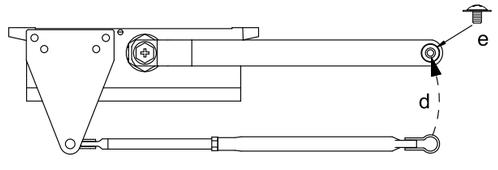


5



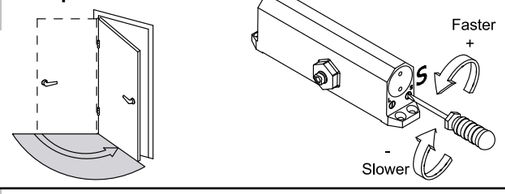
a→b→c→d→e





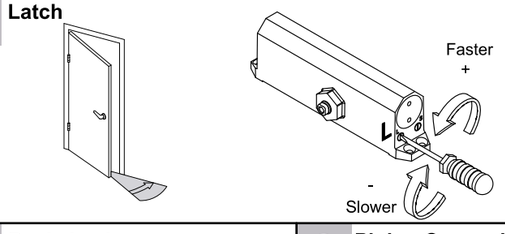
6

Sweep



7

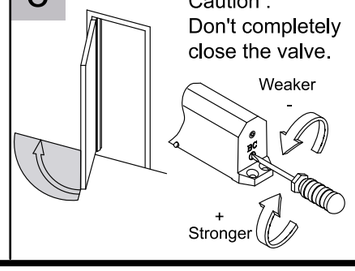
Latch



8

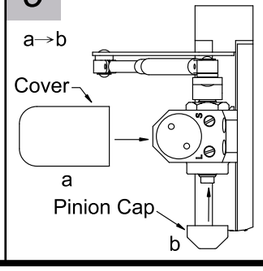
Backcheck

Caution : Don't completely close the valve.

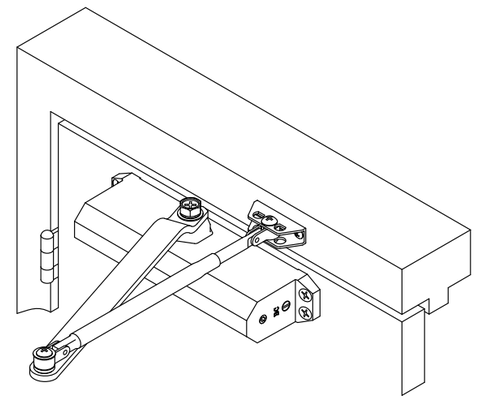


9

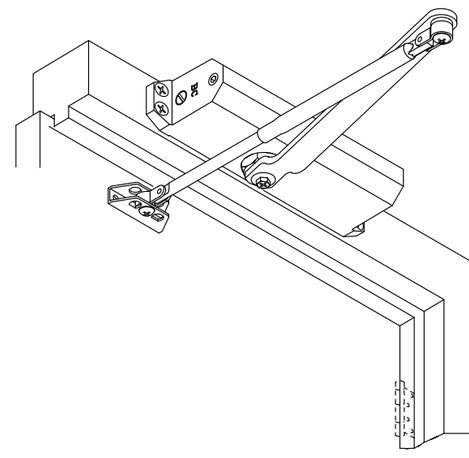
Pinion Cap and Cover



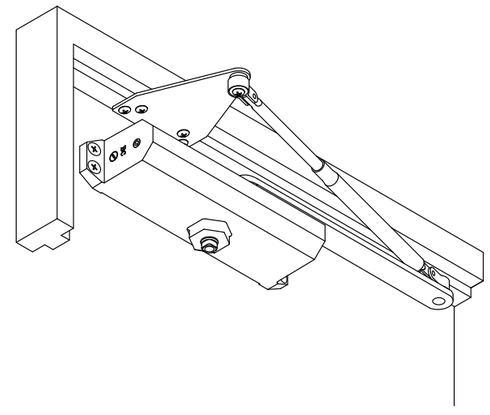
Pull Side Installation



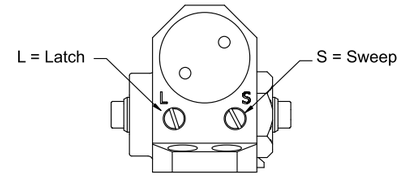
Push Side Installation

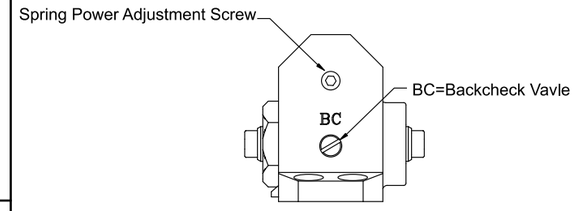


Parallel Arm Installation



DOOR CLOSER INSTALLATION INSTRUCTION

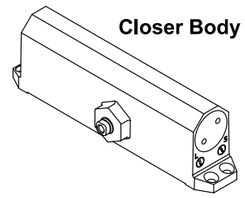




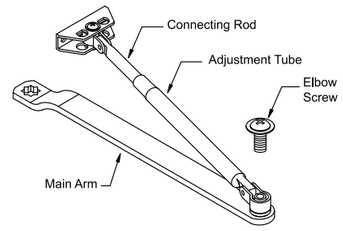
Maximum Door Width	Power Size
♿	-
36"-900mm	2
42"-1000mm	3
48"-1200mm	4

Standard Components

Closer Body

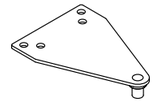


Arm Assembly



Pinion Cap

Soffit Plate



Soffit Plate Used with Parallel Arm Closers Only

Optional Components

Cover